



FLIGHT REPORT

NORTH DAKOTA ATMOSPHERIC RESOURCE BOARD
SFN 50864(12/2014)

ENGINES OFF 01:45:01	HOURS 2.23		PAGE # 1	OF 7
ENGINES ON 23:31:00	DRY ICE RATE 13	1 GEN 0.00	2 GEN 0.00	
TOTAL TIME 02:14:01	DRY ICE (lbs) 121.63	EJCTBL (grams) 0	BIP (grams) 0	

DATE June 29, 2017		DISTRICT 2	SEED # 7	PILOT Brandon Thurston				COPILOT Jason White				PURPOSE H	REMARKS <small>R - Rain H - Hail O - Other M - Maintenance C - Reconnaissance</small>
Time (HH:MM)	EVENT #	LATITUDE (deg)	LONGITUDE (deg)	CLD BASE (kft)	ALTITUDE (KFT)	UPDRAFT (FT/MIN)	TEMP (°C)	PRECIP CODE**	DRY ICE (sec)	FLARES		WINTIP GEN (#)	
										EJC	BIP		
23:31:44		48.17525	-103.6305		1.9					0	0	0	Engines on in Williston.
23:41:49		48.12788	-103.5118		8.6					0	0	0	
23:51:37	1	47.84755	-103.0693		15.8					0	0	0	Ice on.
23:51:41	2	47.84409	-103.0704		15.8				4.3	0	0	0	Ice off.
23:52:32	3	47.80351	-103.0833		16.3					0	0	0	Ice on.
23:52:51	4	47.78782	-103.0879		16.4				18.5	0	0	0	Ice off.
23:58:45	5	47.76495	-103.0506		16.4					0	0	0	Ice on.
23:58:51	6	47.76971	-103.0521		16.4				6.4	0	0	0	Ice off.
23:59:11	7	47.78586	-103.0556		16.4					0	0	0	Ice on.
23:59:19	8	47.79258	-103.0568		16.4				7.4	0	0	0	Ice off.
00:01:52	9	47.90224	-102.9858		16.4					0	0	0	Ice on.
00:01:55	10	47.90481	-102.9854		16.5				3.2	0	0	0	Ice off.
00:02:40	11	47.94329	-102.9795		16.6					0	0	0	Ice on.

**PRECIPITATION INTENSITY

- 0 - No Precipitation
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00:02:48	12	47.94906	-102.9755		16.5				7.4	0	0	0	Ice off.
00:02:51	13	47.95152	-102.9737		16.5					0	0	0	Ice on.
00:03:04	14	47.96202	-102.9648		16.5				12.8	0	0	0	Ice off.
00:04:40	15	47.91882	-102.9137		16.5					0	0	0	Ice on.
00:04:47	16	47.91514	-102.9205		16.6				7.6	0	0	0	Ice off.
00:05:12	17	47.90400	-102.9464		16.7					0	0	0	Ice on.
00:05:17	18	47.90207	-102.9516		16.8				5.1	0	0	0	Ice off.
00:07:51	19	47.89480	-103.1285		17.0					0	0	0	Ice on.
00:08:00	20	47.89140	-103.1385		17.0				8.9	0	0	0	Ice off.
00:08:24	21	47.89057	-103.1672		16.9					0	0	0	Ice on.
00:08:38	22	47.89124	-103.1837		16.9				14.6	0	0	0	Ice off.
00:10:54	23	47.78679	-103.2417		16.8					0	0	0	Ice on.
00:11:36	24	47.74893	-103.2546		16.9				41.7	0	0	0	Ice off.

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00:13:01	25	47.71712	-103.1581		16.5					0	0	0	Ice on.
00:13:30	26	47.70746	-103.1175		16.4				29.1	0	0	0	Ice off.
00:18:26	27	47.71928	-103.0085		16.2	400	-6			0	0	0	
00:23:40	28	47.88667	-103.0676		16.6					0	0	0	Ice on.
00:24:04	29	47.90302	-103.0807		16.4				23.9	0	0	0	Ice off.
00:25:25	30	47.97094	-103.0743		16.3	600	-6			0	0	0	
00:31:22	31	48.13198	-102.6582		16.3					0	0	0	Ice on.
00:31:45	32	48.14676	-102.6350		16.3				22.5	0	0	0	Ice off.
00:33:19	33	48.21795	-102.6247		16.3					0	0	0	Ice on.
00:33:37	34	48.23137	-102.6280		16.4				17.9	0	0	0	Ice off.
00:34:02	35	48.25202	-102.6320		16.0					0	0	0	Ice on.
00:34:07	36	48.25614	-102.6324		16.0				5	0	0	0	Ice off.
00:37:32	37	48.27092	-102.3872		16.1					0	0	0	Ice on.

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										EJC	BIP		
00:37:39	38	48.27213	-102.3781		16.2				7.8	0	0	0	Ice off.
00:38:19	39	48.29744	-102.3557		16.3					0	0	0	Ice on.
00:38:29	40	48.30454	-102.3528		16.3				10.5	0	0	0	Ice off.
00:40:12	41	48.36655	-102.3117		16.2					0	0	0	Ice on.
00:40:21	42	48.37126	-102.3188		16.2				8.2	0	0	0	Ice off.
00:43:01	43	48.40857	-102.1440		16.4					0	0	0	Ice on.
00:43:37	44	48.43114	-102.1154		16.3				36.4	0	0	0	Ice off.
00:45:39	45	48.40524	-102.2307		16.1					0	0	0	Ice on.
00:45:44	46	48.40504	-102.2363		16.1				5.3	0	0	0	Ice off.
00:46:27	47	48.37883	-102.2653		16.1					0	0	0	Ice on.
00:46:39	48	48.36967	-102.2702		16.1				11.8	0	0	0	Ice off.
00:46:52	49	48.35972	-102.2751		16.0					0	0	0	Ice on.
00:47:05	50	48.35004	-102.2809		16.0				13.8	0	0	0	Ice off.

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										EJC	BIP		
00:47:27	51	48.33364	-102.2917		15.9	500	-5			0	0	0	
00:48:17	52	48.29338	-102.3064		16.1					0	0	0	Ice on.
00:48:47	53	48.26888	-102.3142		16.2				30.2	0	0	0	Ice off.
00:49:03	54	48.25869	-102.3246		16.1					0	0	0	Ice on.
00:49:34	55	48.25986	-102.3555		16.0				30.4	0	0	0	Ice off.
00:49:45	56	48.26128	-102.3663		16.0					0	0	0	Ice on.
00:49:49	57	48.26194	-102.3701		16.0				4.6	0	0	0	Ice off.
00:51:16	58	48.23964	-102.4466		15.9					0	0	0	Ice on.
00:51:26	59	48.23569	-102.4559		16.0				9.5	0	0	0	Ice off.
00:52:42	60	48.23300	-102.5352		15.9	500	-5			0	0	0	
00:58:21	61	48.26808	-102.3121		16.2					0	0	0	Ice on.
00:58:28	62	48.27239	-102.3074		16.2				7.1	0	0	0	Ice off.
00:58:33	63	48.27559	-102.3041		16.2					0	0	0	Ice on.

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										EJC	BIP		
00:58:42	64	48.28176	-102.2994		16.1				9.3	0	0	0	Ice off.
01:08:43		48.14666	-102.5023		16.5					0	0	0	
01:09:32	65	48.14059	-102.5588		16.4					0	0	0	Ice on.
01:09:41	66	48.13525	-102.5666		16.4				9.2	0	0	0	Ice off.
01:11:30	67	48.07951	-102.6596		16.2					0	0	0	Ice on.
01:12:08	68	48.05079	-102.6849		16.2				38.3	0	0	0	Ice off.
01:12:22	69	48.04364	-102.6980		16.3					0	0	0	Ice on.
01:12:38	70	48.03784	-102.7143		16.1				15.5	0	0	0	Ice off.
01:12:39	71	48.03753	-102.7154		16.1	300	-5			0	0	0	
01:16:54	72	48.05125	-102.6633		16.2					0	0	0	Ice on.
01:18:04	73	48.06292	-102.5786		16.1				69.7	0	0	0	Ice off.
01:19:00	74	48.09857	-102.5444		16.1					0	0	0	Ice on.
01:19:08	75	48.10353	-102.5392		16.1				7.5	0	0	0	Ice off.

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